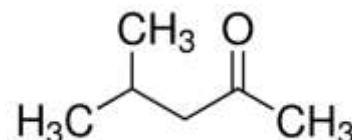


ISO BUTYL METHYL KETONE AR/ACS

PRODUCT CODE	550385
SYNONYMS	4-methylpentan-2-one
C.I. NO.	N/A
CASR NO.	108-10-1
ATOMIC OR MOLECULAR FORMULA	$(CH_3)_2CHCH_2COCH_3$
ATOMIC OR MOLECULAR WEIGHT	100.16
PROPERTIES	--



PARAMETER LIMIT

Description	A clear liquid, colour not more than 10 Hazen units.
Solubility	Soluble in water 2% miscible with benzene, ethanol and diethyl ether.
Minimum Assay (GC)	99.0%
Wt. per ml at 20°C	0.799 - 0.802 g
Boiling Range (114 - 117°C)	Min. 95.0%
Refractive Index (n) _D ²⁰	1.395-1.397

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O)	0.05%
Acidity (CH ₃ COOH)	0.001%
Non volatile matter	0.001%
Copper (Cu)	0.00005%
Iron (Fe)	0.00005%
Lead (Pb)	0.00005%

Note(s) : Assay (if applicable) method mentioned.

HAZARD

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if inhaled. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Use only non-sparking tools. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge.

Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.

Disposal: --

Hazard Pictogram(s) :--



GHS02



GHS07

IMDG Code :-- 3/II
UN No. :-- 1245
IATA :-- 3

Replace date 07-Oct-2025